

LINDANE DUMP SITE
ADMINISTRATIVE RECORD FILE *
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Memorandum to Mr. Harry W. Trask, U.S. EPA, from Mr. Harold R. Day, U.S. EPA, re: Pesticide waste disposal problems, 8/18/76. P. 100001-100001.
2. Sampling Survey, Lindane Dump, prepared by Pennsylvania Department of Environmental Resources (PADER), 7/16/79. P. 100002-100003.
3. Report: Review of the Investigation of the Penn Salt Co., Waste Disposal Site (Harrison Township), prepared by Allegheny County Health Department (ACHD), 1/15/80. P. 100004-100081. A cover letter is attached.
4. U.S. EPA Potential Hazardous Waste Site Log, Pennsylvania Salt Lindane Dump, 3/10/80. P. 100082-100082.
5. U.S. EPA Potential Hazardous Waste Site Identification and Preliminary Assessment, Pennsylvania Salt Lindane Dump, 3/10/80. P. 100083-100086.
6. Memorandum to file from Mr. Charles A. Duritsa, PADER, re: Meeting about the site, 7/21/80. P. 100087-100089. A letter regarding site history is attached.
7. Letter to Mr. James P. Snyder, PADER, from M.N. Bhatla, Weston, re: Atmospheric sampling at the site, 8/13/80. P. 100090-100092.
8. PADER Water or Waste Quality Report, Alsco Park, 12/22/80. P. 100093-100100.
9. Letter to Mr. Howard J. Wein, PADER, from Mr. J. Gordon Logue, Pennwalt Corporation, re: Actions taken by Pennwalt, 2/6/81. P. 100101-100101.
10. Memorandum to Ms. Linda Young Boornazian, from Mr. Gregg Crystall, Ecology and Environment, Inc., re: Transmittal of potential contamination information, 4/6/81. P. 100102-100103. The contamination potential form is attached.

* Administrative Record File available 12/17/91, updated 5/6/92.

11. Letter to Mr. Terry R. Fabian, PADER, from Mr. Albert H. Brunwasser, Environmental Health Services, re: Course of action for the abandoned Lindane Dump, 4/7/81. P. 100104-100105.
12. Letter to Mr. Charles A. Duritsa, PADER, from Mr. James W. Tracht, Pennwalt Corporation, re: Commitments made by Pennwalt, 4/15/81. P. 100106-100107.
13. Letter to Mr. Walter Lee, U.S. EPA, from Mr. Charles A. Duritsa, PADER, re: Assignment of a case coordinator, 4/24/81. P. 100108-100109.
14. U.S. EPA Potential Hazardous Waste Site, Site Identification Report, Pennwalt Lindane Dump, 7/1/81. P. 100110-100120.
15. Letter to Mr. James W. Tracht, Pennwalt Corporation, from Mr. Charles A. Duritsa, PADER, re: Approval of the Scope of Work, 9/3/81. P. 100121-100122.
16. U.S. EPA Potential Hazardous Waste Site Identification and Preliminary Assessment, Lindane Dump, 2/12/82. P. 100123-100126.
17. Report: Trip Reports for Field Activities, prepared by The Aware Corporation, 4/13/82. P. 100127-100218.
18. Letter to Ms. K.L. Summerlee, U.S. EPA, from Mr. Charles J. Jacques, Jacques and Jacques, re: Cooperation in dealing with site actions, 4/28/82. P. 100219-100224. A meeting report and a rough draft for meeting topics are attached.
19. Memorandum to file from Mr. Charles Duritsa, PADER, re: Receipt of a demand letter, 5/4/82. P. 100225-100225.
20. Letter to Ms. Kathy L. Summerlee, U.S. EPA, from Mr. James W. Tracht, Pennwalt Corporation, re: Actions taken at the site, 5/13/82. P. 100226-100228.
21. Letter to Mr. Charles A. Duritsa, PADER, from Mr. John E. Hopkins, Pennwalt Corporation, re: Analytical results, 6/18/82. P. 100229-100229.
22. Letter to Mr. Charles A. Duritsa, PADER, from Mr. John E. Hopkins, Pennwalt Corporation, re: Answers to

comments on a proposed air monitoring program, 7/27/82.
P. 100230-100230.

23. Memorandum to Mr. Stephen F. Pederson, PADER, from Mr. Daniel F. Peterson, PADER, re: Studies conducted at the Lindane Dump, 9/3/82. P. 100231-100231.
24. Letter to Mr. Charles A. Duritsa, PADER, from Mr. John E. Hopkins, Pennwalt Corporation, re: Transmittal of maps, 9/7/82. P. 100232-100232.
25. Report: Natrona AlSCO Community Park Environmental Assessment, Volume I, Project Report, prepared by The Aware Corporation, 10/82. P. 100233-100453. A cover letter is attached.
26. Report: Natrona AlSCO Community Park Environmental Assessment, Volume II, Appendices, prepared by The Aware Corporation, 10/82. P. 100454-100601.
27. Letter to Mr. John E. Hopkins, Pennwalt Corporation, from Mr. John A. Zapp, Jr., re: Involvement with the methodology planning, 10/29/82. P. 100602-100605.
28. Letter to Mr. Charles A. Duritsa, PADER, from Mr. James W. Tracht, Pennwalt Corporation, re: Environmental and toxicological assessment reports, 11/12/82. P. 100606-100606.
29. Letter to Ms. Faith Kirkland, Township of Harrison, from Mr. Paul L. Spence, Allegheny County Health Department, re: Environmental and toxicological assessment reports, 11/19/82. P. 100607-100620.
The following are attached:
 - a) a memorandum regarding discharge limitation;
 - b) a memorandum regarding discharge characteristics;
 - c) a seep location map;
 - d) river and tap water characteristics;
 - e) seepage sample characteristics;
 - f) concentrations in water;
 - g) three water or waste quality reports;

- h) a water balance table;
 - i) a yearly water flow table;
 - j) a site location map.
- 30. Letter to Mr. Robert G. Kroner, Allegheny County Emergency Management Agency, from Mr. Guy R. Sherry, Penn Emergency Management Agency, re: Development of a site contingency/evacuation plan, 11/22/82. P. 100621-100621.
 - 31. Memorandum to Mr. Anthony J. Setto, PADER, from Mr. Dan Peterson, PADER, re: Review of information, 12/21/82. P. 100622-100622.
 - 32. Letter to Mr. Brian D. Clark, Pennsylvania House of Representatives, from Mr. Charles A. Duritsa, PADER, re: Response to inquiry, 1/28/83. P. 100623-100623.
 - 33. Handwritten notes, testing for site, 3/22/83 - 3/29/83. P. 100624-100624.
 - 34. Letter to Mr. Althoff Nemon, PADER, from Mr. James W. Tracht, Pennwalt Corporation, re: Environmental and toxicological assessment reports, 3/23/83. P. 100625-100625.
 - 35. Letter to Mr. James W. Tracht, Pennwalt Corporation, from Mr. Daniel F. Peterson, PADER, re: Meeting to discuss the final report for the site, 3/29/83. P. 100626-100627.
 - 36. Handwritten attendance list, 4/7/83. P. 100628-100628.
 - 37. Letter to Mr. Bucky Walters, U.S. EPA, from Mr. Paul L. Spence, Allegheny County Health Department, re: Environmental assessment report, 5/20/83. P. 100629-100631. A correspondence transmittal memo and a letter regarding the leachate collection system are attached.
 - 38. Report: Technical Specifications for Leachate Collection System, prepared by The Aware Corporation, 8/83. P. 100632-100661.
 - 39. Report: Project Information Seepage Area, Harrison Township, Pennsylvania, prepared by The Aware Corporation, 8/83. P. 100662-100674.

40. Memorandum to file from Mr. Charles Duritsa, PADER, re: Possible tap-in on leachate discharge, 8/25/83. P. 100675-100676.
41. Report: Field Investigations of Uncontrolled Hazardous Waste Sites, Report on Lindane Dump, prepared by Ecology and Environment, Inc., 9/1/83. P. 100677-100721.
42. Memorandum to Mr. Dominic DiGiulio, U.S. EPA, from Mr. Dan Peterson, PADER, re: Submittal of reports, 9/6/83. P. 100722-100722.
43. Memorandum to Mr. Bucky Walters, U.S. EPA, from Ms. Georgi A. Jones, U.S. Department of Health and Human Services, re: Comments on data, 9/29/83. P. 100723-100724.
44. Letter to Ms. Faith Kirkland, Harrison Township, from Mr. Daniel F. Peterson, PADER, re: Submittal of site investigation and evaluation information, 10/28/83. P. 100725-100725.
45. Handwritten memorandum to Mr. Dan Peterson from Mr. Mike Forebeck, re: Pump discharges, 11/4/83. P. 100726-100728. A letter regarding review of toe area collection is attached.
46. Memorandum to file from Mr. Daniel F. Peterson, PADER, re: Meeting with Harrison Township officials, 11/4/83. P. 100729-100731. A list of commissioners and a meeting agenda are attached.
47. Letter to Mr. Charles A. Duritsa, PADER, from Mr. John E. Hopkins, Pennwalt Corporation, re: Construction of a leachate collection and storm water management system, 11/28/83. P. 100732-100732.
48. Report: Development of a Treatment Approach from Seepage Discharges for the Natrona Alsco Community Park Site, prepared by The Aware Corporation, 5/84. P. 100733-100870.
49. Letter to Mr. Dominic DiGiulio, U.S. EPA, from Mr. Wilder D. Bancroft, Allegheny County Health Department, re: Soil testing, 6/7/84. P. 100871-100871.
50. Letter to Mr. Dominic DiGiulio, U.S. EPA, from Mr. Eugene J. Homyak, Department of the Army, re: Proposal

to perform maintenance dredging, 8/2/84. P. 100872-100872.

51. Letter to Mr. Stephen R. Wassersug, U.S. EPA, from Mr. Albert H. Brunwasser, Allegheny County Health Department, re: Request for communications to be directed to Mr. Brunwasser, 9/6/84. P. 100873-100873.
52. Inter-office transmittal memorandum to Ms. Mary Letzkus, U.S. EPA, from Ms. Cindy Rice, U.S. Fish and Wildlife Service, re: Residue analysis results on fish, 12/17/84. P. 100874-100876. The results with a handwritten note and an envelope are attached.
53. Letter to Mr. Wilder D. Bancroft, Allegheny County Health Department, from Ms. Cindy L. Rice, U.S. Fish and Wildlife Service, re: Fish sampling, 1/11/85. P. 100877-100877.
54. Letter to Ms. Cindy Rice, U.S. Fish and Wildlife Service, from Mr. Gregg Crystall, U.S. EPA, re: Residue analysis results, 2/18/85. P. 100878-100878.
55. Report: Resource Contaminant Assessment Report No. 84-1, Lindane Dump, prepared by U.S. Fish and Wildlife Service, 3/85. P. 100879-100894.
56. Letter to Mr. Gregg Crystall, U.S. EPA, and Mr. Charles Duritsa, PADER, from Mr. Charles J. Kulp, U.S. Fish and Wildlife Service, re: Results of fish tissue residue analysis, 3/13/85. P. 100895-100897. The results are attached.
57. U.S. EPA, Freedom of Information Act (FOIA) Response, Regional Listing by Site, Listing of Potentially Responsible Parties at CERCLA Sites, Lindane Dump, 8/28/90. P. 100898-100898.
58. Report: Field Investigations of Uncontrolled Hazardous Waste Sites, Field Investigation Team (FIT) Project Report on Lindane Dump, prepared by Ecology and Environment, Inc., (undated). P. 100899-100946.
59. Report: Field Investigations of Uncontrolled Hazardous Waste Sites, FIT Project Site Inspection of Lindane

Dump, prepared by Ecology and Environment, Inc.,
(undated). P. 100947-100960.

60. U.S. EPA Notification of Hazardous Waste Site, Alsco Community Park, (undated). P. 100961-100961.
61. List of Potential Responsible Parties and Parties Associated with the Site, Lindane Dump Site, (undated). P. 100962-100962.
62. Map, Atochem North America, Inc., Alsco Community Park Site, Natrona, Pennsylvania, (undated). P. 100963-100963.

II. REMEDIAL ENFORCEMENT PLANNING

1. Consent Order and Agreement In the Matter of: Pennwalt Corporation, Alsco Community Park/Lindane Site, 9/29/87. P. 200001-200032. The following are attached:
 - a) a cover letter;
 - b) a project site map;
 - c) a seep location map;
 - d) seepage sample characteristics;
 - e) sampling and analysis information.

III. REMEDIAL RESPONSE PLANNING

1. Letter to Mr. Altaf A. Memon, PADER, from Mr. Gregg Crystall, U.S. EPA, re: Need for the Remedial Investigation/Feasibility Study (RI/FS) to be conducted, 8/15/85. P. 300001-300003.
2. Letter to Mr. John E. Hopkins, Pennwalt Corporation, from Mr. Charles A. Duritsa, PADER, re: Technical review of Environmental assessment and remedial work, 9/20/85. P. 300004-300007.
3. Report: Work Plan for Supplemental Remedial Investigation/Feasibility Study, Natrona AlSCO Community Park, Lindane Dump, prepared by The Aware Corporation, 12/85. P. 300008-300163. A cover letter is attached.
4. Letter to Mr. Charles A. Duritsa, PADER, from Mr. John E. Hopkins, Pennwalt Corporation, re: Preparation of the RI/FS, 12/18/85. P. 300164-300165.
5. Memorandum to Mr. Gregg Crystall, U.S. EPA, from Mr. J. Gregory Hill, U.S. EPA, re: Review of the Work Plan, 1/6/86. P. 300166-300166.
6. Letter to Mr. Gregg Crystall, U.S. EPA, from Mr. Charles J. Kulp, U.S. Fish and Wildlife Service, re: RI/FS Work Plan, 4/15/86. P. 300167-300171. A memorandum regarding an interagency meeting and a letter regarding dredging are attached.
7. Memorandum to Mr. Charles A. Duritsa, PADER, from Mr. Joseph A. Kozlosky, PADER, re: RI/FS Work Plan, 4/25/86. P. 300172-300176. A work plan review sheet is attached.
8. Letter to Mr. John Hopkins, Pennwalt Corporation, from Mr. Daniel F. Peterson, PADER, re: Review comments on the RI/FS Work Plan, 8/25/86. P. 300177-300192.
9. Letter to Mr. Charles A. Duritsa, PADER, from Mr. John E. Hopkins, Pennwalt Corporation, re: Response to comments on the RI/FS, 12/11/86. P. 300193-300203. The comments are attached.
10. Letter to Mr. James P. Snyder, PADER, from Mr. Stephen R. Wassersug, U.S. EPA, re: Treatment of leachate, 3/3/87. P. 300204-300204.

11. Memorandum to Mr. Charles A. Duritsa, PADER, from Ms. Deborah L. McDonald, PADER, re: Effluent limitations, 3/9/87. P. 300205-300214. The following are attached:
 - a) a transmittal memorandum regarding limitations;
 - b) a memorandum regarding effluent limitations;
 - c) a water concentrations table;
 - d) a water balance table;
 - e) a yearly water flow table;
 - f) a site location map;
 - g) a seep location map;
 - h) two seepage sample characteristic tables.
12. Letter to Mr. Gregg Crystall, U.S. EPA, from Mr. Joseph Kozlosky, PADER, re: Amended RI/FS Work Plan, 3/17/87. P. 300215-300215.
13. Letter to Mr. Gregg Crystall, U.S. EPA, from Mr. James N. DiClementi, Versar Incorporated, re: Review of RI/FS Work Plan, 4/1/87. P. 300216-300229. General RI/FS comments, specific comments on the Quality Assurance Plan, and specific comments on the Health and Safety Plan are attached.
14. Letter to Mr. John E. Hopkins, Pennwalt Corporation, from Mr. Joseph A. Kozlosky, PADER, re: Review of the RI/FS Work Plan, 4/28/87. P. 300230-300245. PADER Interim Applicable or Relevant and Appropriate Requirements (ARARs) information is attached.
15. Letter to Mr. Bradford F. Whitman, Dechert, Price, and Rhoads, from Ms. Virginia J. Davison, PADER, re: Consent order letter, 7/2/87. P. 300246-300247.
16. Report: Site Visit Trip Report, Natrona AlSCO Community Park (Lindane Dump Site), prepared by Versar Incorporated, 7/8/87. P. 300248-300253.

17. Letter to Mr. Joseph A. Kozlosky, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Revised RI/FS Work Plan, 7/20/87. P. 300254-300255.
18. Report: Work Plan for Supplemental Remedial Investigation/Feasibility Study, prepared by The Aware Corporation, 7/20/87. P. 300256-300490. A cover letter is attached.
19. Letter to Mr. Stephen R. Wassersug, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price and Rhoads, re: Consent order, 7/30/87. P. 300491-300492.
20. Letter to Mr. James R. Shack, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Consent Order and Agreement, 8/18/87. P. 300493-300493.
21. Letter to Mr. John E. Hopkins, Pennwalt Corporation, from Mr. James R. Shack, PADER, re: Meeting summary and telephone conversation confirmation, 9/11/87. P. 300494-300496.
22. Letter to Mr. James R. Shack, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Revised project schedule, 9/28/87. P. 300497-300498.
23. Letter to Mr. Hector M. Abreu, U.S. EPA, from Mr. James R. Shack, PADER, re: Change in the project schedule, 10/9/87. P. 300499-300502. A letter regarding Work Plan approval and a letter regarding the revised project schedule are attached.
24. Water or Waste Quality Report, Sample Number 2950020, Lindane Site, 10/27/87. P. 300503-300504. A laboratory report for sample number H8711649 is attached.
25. Letter to Mr. John E. Hopkins, Pennwalt Corporation, from Mr. James R. Shack, PADER, re: Approval of the Work Plan, 10/28/87. P. 300505-300505.
26. Progress Report No. 1, prepared by Pennwalt Corporation, 11/11/87. P. 300506-300508.
27. Water or Waste Quality Report, Sample number 2950020, Lindane Dump, 11/27/87. P. 300509-300511.

28. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Monitoring report, 12/9/87. P. 300512-300514. Effluent and backwash analytical results are attached.
29. Progress Report No. 2, prepared by Pennwalt Corporation, 12/14/87. P. 300515-300516.
30. Letter to Mr. and Mrs. Glen Motosick, from Mr. James R. Shack, PADER, re: Well sampling, 12/24/87. P. 300517-300518.
31. Daily Report for On-Site Activities, prepared by The Aware Corporation, 12/30/87-1/29/88. P. 300519-300546. A letter regarding contractor selection is attached.
32. Letter to Mr. John E. Hopkins, Pennwalt Corporation, from Mr. James R. Shack, PADER, re: Announcement of subcontractors, 1/7/88. P. 300547-300548.
33. Progress Report No. 3, prepared by Pennwalt Corporation, 1/12/88. P. 300549-300550.
34. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 1/12/88. P. 300551-300553. Effluent and backwash analytic results are attached.
35. Letter to Mr. John E. Hopkins, Pennwalt Corporation, from Mr. James R. Shack, PADER, re: Relocation of a boring, 1/22/88. P. 300554-300555.
36. Letter to Mr. James R. Shack, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Information on the sampling plan and analytical program, 2/4/88. P. 300556-300559. A leachate collection system diagram is attached.
37. Health and Safety Plan, prepared by Versar, Incorporated, 2/10/88. P. 300560-300577.
38. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 2/12/88. P. 300578-300580. Effluent and backwash analytic results are attached.
39. Progress Report No. 4, prepared by Pennwalt Corporation, 2/12/88. P. 300581-300582.

40. Letter to Mr. James R. Shack, PADER, from Mr. G.D. Loutzenhiser, Pennwalt Corporation, re: Piezometer installation, 3/1/88. P. 300583-300590. Pneumatic piezometer information is attached.
41. Progress Report No. 4 [sic], prepared by Pennwalt Corporation, 3/10/88. P. 300591-300622. On-site activity daily reports from 2/1/88 to 2/26/88 are attached.
42. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 3/10/88. P. 300623-300625. Effluent and backwash sample analytic results are attached.
43. Report: Trip Report Lindane Dump Oversight of RP Sampling, prepared by Versar Incorporated, 3/15/88. P. 300626-300632.
44. Letter to Mr. Hector M. Abreu Cintron, U.S. EPA, from Mr. Glenn D. Loutzenhiser, Pennwalt Corporation, re: Ground water and soil sampling analysis, 3/29/88. P. 300633-300633.
45. Letter to Mr. A. Silvio Odasso, Allegheny Ludlum Corporation, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Request for information, 3/29/88. P. 300634-300635. A project site map is attached.
46. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 4/14/88. P. 300636-300638. Effluent and backwash analytic results are attached.
47. Progress Report No. 6, prepared by Pennwalt Corporation, 4/14/88. P. 300639-300646. On-site activity daily reports 3/14/88-3/13/88 are attached.
48. On-Site Activity Daily Reports, prepared by The Aware Corporation, 5/2/88-5/5/88. P. 300647-300650.
49. Progress Report No. 7, prepared by Pennwalt Corporation, 5/13/88. P. 300651-300653.
50. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 5/13/88. P. 300654-300656. Effluent and backwash analytic results are attached.

51. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 6/10/88. P. 300657-300659. Effluent and backwash analytic results are attached.
52. Progress Report No. 8, prepared by Pennwalt Corporation, 6/14/88. P. 300660-300662.
53. Report: Work Plan for Exploratory Borings in Alsco Community Park, Task 3, Supplemental RI/FS, prepared by The Aware Corporation, 7/88. P. 300663-300671. A cover letter is attached.
54. Report: Interim Hydrogeologic Report, Approved Work Plan, Task 6-Phase II, Supplemental RI/FS, prepared by The Aware Corporation, 7/88. P. 300672-300766. A cover letter is attached.
55. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 7/14/88. P. 300767-300769. Effluent and backwash analytic results are attached.
56. Progress Report No. 9, prepared by Pennwalt Corporation, 7/15/88. P. 300770-300771.
57. Letter to Mr. James R. Shack, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Transmittal of documents, 8/2/88. P. 300772-300773.
58. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 8/11/88. P. 300774-300776. Effluent and backwash analytic results are attached.
59. Progress Report No. 10, prepared by Pennwalt Corporation, 8/11/88. P. 300777-300778.
60. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 9/14/88. P. 300779-300783. Effluent and backwash sample results are attached.
61. Progress Report No. 11, prepared by Pennwalt Corporation, 9/15/88. P. 300784-300786.
62. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample

- analytic results, 10/4/88. P. 300787-300789. Effluent and backwash sample results are attached.
63. Progress Report No. 12, prepared by Pennwalt Corporation, 10/14/88. P. 300790-300791.
 64. Handwritten notes to Mr. Hector Abreu from Mr. John Nevius, re: Work Plan, 10/27/88. P. 300792-300793.
 65. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 12/13/88. P. 300794-300796. Effluent and backwash sample results are attached.
 66. Report: Final Analytical Report Oversight of RP Sampling at the Lindane Dump Site, prepared by Versar Incorporated, 12/13/88. P. 300797-300930.
 67. Progress Report No. 14, prepared by Pennwalt Corporation, 12/15/88. P. 300931-300953. On-Site activity reports 11/1/88-11/30/88 are attached.
 68. Letter to Mr. Samuel B. Balamoun, Pennwalt Corporation, from Mr. Sam Fung, PADER, re: Review of the RI/FS, 1/4/89. P. 300954-300955.
 69. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 1/11/89. P. 300956-300958. Effluent and backwash sample results are attached.
 70. Progress Report No. 15, prepared by Pennwalt Corporation, 1/13/89. P. 300959-300977. On-site activity reports 12/1/88-12/22/88 are attached.
 71. Letter to Mr. Samuel B. Balamoun, Pennwalt Corporation, from Mr. Sam Fang, PADER, re: Deviation in the results of ditch sediment D split samples, 1/13/89. P. 300978-300979.
 72. Progress Report No. 16, prepared by Pennwalt Corporation, 2/14/89. P. 300980-300996. On-site activity reports 1/3/89-1/30/89 are attached.
 73. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 2/14/89. P. 300997-300999. Effluent and backwash sample results are attached.

74. Progress Report No. 17, prepared by Pennwalt Corporation, 3/10/89. P. 301000-301009. On-site activity reports 2/1/89-2/17/89 are attached.
75. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent Sample analytic results, 3/13/89. P. 301010-301012. Effluent and backwash sample result are attached.
76. Letter to Mr. Samuel D. Balamoun [sic], Pennwalt Corporation, from Mr. Terry E. Goodwald, PADER, re: Soil sampling, 3/28/89. P. 301013-301018.
77. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 4/13/89. P. 301019-301021. Effluent and backwash sample results are attached.
78. Progress Report No. 18, prepared by Pennwalt Corporation, 4/14/89. P. 301022-301026. On-site activity reports 3/7/89-3/9/89 are attached.
79. Report: Supplemental Remedial Investigation Report Volume 1, prepared by Eckenfelder Incorporated, 5/89. P. 301027-301363.
80. Report: Supplemental Remedial Investigation Report, Volume 2, Appendices, prepared by Eckenfelder Incorporated, 5/89. P. 301364-301843.
81. Report: Supplemental Remedial Investigation Report, Volume 3, Appendices, prepared by Eckenfelder Incorporated, 5/89. P. 301844-302169.
82. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Soil sampling, 5/1/89. P. 302170-302171. A meeting agenda is attached.
83. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Supplemental RI/FS report, 5/2/89. P. 302172-302172.
84. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 5/11/89. P. 302173-302175. Effluent and backwash sample results are attached.

85. Progress Report No. 19, prepared by Pennwalt Corporation, 5/15/89. P. 302176-302177.
86. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Soil sampling program, 6/1/89. P. 302178-302178.
87. Letter to Mr. Samuel B. Balamoun, Pennwalt Corporation, from Mr. Terry E. Goodwald, PADER, re: Soil samples, 6/12/89. P. 302179-302179.
88. Progress Report No. 20, prepared by Pennwalt Corporation, 6/13/89. P. 302180-302181.
89. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 6/13/89. P. 302182-302184. Effluent and backwash sample results are attached.
90. Letter to Mr. Terry E. Goodwald, PADER, from Mr. G.D. Loutzenhiser, Pennwalt Corporation, re: Surface soil sampling, 6/28/89. P. 302185-302185.
91. Report: Evaluation of the Supplemental Remedial Investigation Report for the Lindane Site, prepared by Versar Incorporated, 6/29/89. P. 302186-302251.
92. Report: Quality Assurance Project Plan Oversight and Split Sample Collection, prepared by Versar Incorporated, 6/29/89. P. 302252-302267.
93. Report: Health and Safety Plan, Lindane Dump, prepared by Versar Incorporated, 6/30/89. P. 302268-302287.
94. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Revised project schedule, 7/10/89. P. 302288-302289.
95. Progress Report No. 21, prepared by Pennwalt Corporation, 7/14/89. P. 302290-302292.
96. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 7/14/89. P. 302293-302295. Effluent and backwash sample results are attached.
97. Letter to Mr. G. Doug Loutzenhiser, Pennwalt Corporation, from Mr. Dale R. Showers and Mr. Jeffery L. Pintenich, Eckenfelder Incorporated, re: Soil

sampling, 8/7/89. P. 302296-302304. The following are attached:

- a) two perimeter surficial soil sample tables;
 - b) a performance data summary table;
 - c) a surficial soil result table;
 - d) a soil sample parameter concentration map.
98. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Soil sampling, 8/9/89. P. 302305-302305.
99. Progress Report No. 22, prepared by Pennwalt Corporation, 8/14/89. P. 302306-302307.
100. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 8/14/89. P. 302308-302310. Effluent and backwash sample results are attached.
101. Progress Report No. 23, prepared by Pennwalt Corporation, 9/14/89. P. 302311-302312.
102. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 9/15/89. P. 302313-302315. Effluent and backwash sample results are attached.
103. Progress Report No. 24, prepared by Pennwalt Corporation, 10/9/89. P. 302316-302317.
104. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 10/9/89. P. 302318-302320. Effluent and backwash sample results are attached.
105. Report: Draft Analytic Report, Lindane Dump Site, prepared by CDM Federal Programs Corporation, 11/1/89. P. 302321-302396.
106. Progress Report No. 25, prepared by Pennwalt Corporation, 11/14/89. P. 302397-302398.
107. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 11/14/89. P. 302399-302401. Effluent and backwash sample results are attached.

108. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Meeting with PADER and EPA, 11/16/89. P. 302402-302403.
109. Letter to Mr. Hector M. Abreu Cintron, U.S. EPA, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Submittal of data, 11/20/89. P. 302404-302404.
110. Letter to Mr. Terry E. Goodwald, PADER, from Mr. G.D. Loutzenhiser, Pennwalt Corporation, re: Soil sampling, 12/11/89. P. 302405-302405.
111. Progress Report No. 26, prepared by Pennwalt Corporation, 12/15/89. P. 302406-302408.
112. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 12/15/89. P. 302409-302411. Effluent and backwash sample results are attached.
113. Letter to Mr. G. Doug Loutzenhiser, Pennwalt Corporation, from Mr. Dale R. Showers and Mr. Jeffery L. Pintenich, Eckenfelder Incorporated, re: Soil sampling, 1/5/90. P. 302412-302420. The following are attached:
 - a) two surficial soil sample tables;
 - b) a performance data summary table;
 - c) a soil result table;
 - d) a soil sample parameter concentration map.
114. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Soil sampling, 1/9/90. P. 302421-302421.
115. Progress Report No. 27, prepared by Pennwalt Corporation, 1/15/89. P. 302422-302427. On-site activity reports 12/13/89-12/15/89 are attached.
116. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Pennwalt Corporation, re: Effluent sample analytic results, 1/15/90. P. 302428-302430. Effluent and backwash sample results are attached.
117. Progress Report No. 28, prepared by Atochem North America, Inc., 2/14/90. P. 302431-302432.
118. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent

- sample analytic results, 2/14/90. P. 302433-302435.
Effluent and backwash sample results are attached.
119. Letter to Mr. Terry E. Goodwald, PADER, from Mr. G.D. Loutzenhiser, Atochem North America, Inc., re: Quality assurance/quality control (QA/QC) data report, 2/16/90. P. 302436-302436.
 120. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 3/13/90. P. 302437-302439. Effluent and backwash sample results are attached.
 121. Progress Report No. 29, prepared by Atochem North America, Inc., 3/15/90. P. 302440-302441.
 122. Progress Report No. 30, prepared by Atochem North America, Inc., 4/4/90. P. 302442-302443.
 123. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 4/9/90. P. 302444-302446. Effluent and backwash sample results are attached.
 124. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Transmittal of the Risk Assessment report, 4/30/90. P. 302447-302448.
 125. Progress Report No. 31, prepared by Atochem North America, Inc., 5/14/90. P. 302449-302450.
 126. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 5/14/90. P. 302451-302453. Effluent and backwash sample results are attached.
 127. Letter to Mr. Samuel B. Balamoun, Atochem North America, Inc., from Mr. Terry E. Goodwald, PADER, re: Review of the Final Supplemental RI report, 6/11/90. P. 302454-302454.
 128. Progress Report No. 32, prepared by Atochem North America, Inc., 6/12/90. P. 302455-302457. On-site activity report for 5/31/90 is attached.
 129. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent

- sample analytic results, 6/13/90. P. 302458-302460.
Effluent and backwash sample results are attached.
130. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Soil sampling, 6/26/90. P. 302461-302462.
131. Progress Report No. 33, prepared by Atochem North America, Inc., 7/10/90. P. 302463-302466. An RI/FS schedule is attached.
132. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 7/10/90. P. 302467-302469.
Effluent and backwash sample results are attached.
133. Letter to Mr. Samuel B. Balamoun, Atochem North America, Inc., from Mr. Terry G. Goodwald, PADER, re: Soil sampling, 7/12/90. P. 302470-302470.
134. Letter to Mr. Samuel B. Balamoun, Atochem North America, Inc., from Mr. Terry E. Goodwald, PADER, re: Review of draft Risk Assessment, 9/8/90. P. 302471-302475.
135. Progress Report No. 34, prepared by Atochem North America, Inc., 8/13/90. P. 302476-302479. An on-site activity report for 7/10/90 is attached.
136. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, re: Effluent sample analytic results, 8/13/90. P. 302480-302482. Effluent and backwash sample results are attached.
137. Data package, Surficial Soil Sampling, prepared by Eckenfelder Incorporated, 8/15/90. P. 302483-302494.
Two cover letters are attached.
138. Letter to Mr. Doug Loutzenhiser, Atochem North America, Inc., from Mr. Terry Goodwald, PADER, re: Grant of an extension for submittal of the Risk Assessment, 8/23/90. P. 302495-302495.
139. Letter to Mr. Terry E. Goodwald, PADER, from Mr. Samuel B. Balamoun, Atochem North American, Inc., re: Submittal of the FS, 8/31/90. P. 302496-302497.

140. Progress Report No. 35, prepared by Atochem North America, Inc., 9/12/90. P. 302498-302500.
141. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 9/12/90. P. 302501-302503. Effluent and backwash sample results are attached.
142. Progress Report No. 36, prepared by Atochem North America, Inc., 10/9/90. P. 302504-302505.
143. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 10/10/90. P. 302506-302508. Effluent and backwash sample results are attached.
144. Letter to Mr. Mark DiFelicianantonio, CDM Federal Programs Corporation, from Ms. Deborah Dewsbury, U.S. EPA, re: Taking over as Remedial Project Manager for the site, 10/22/90. P. 302509-302509.
145. Letter to Mr. Terry Goodwald, PADER, from Mr. Glenn D. Loutzenhiser, Atochem North America, Inc., re: Use of part of the project area, 10/22/90. P. 302510-302511. A letter regarding use of land is attached.
146. Letter to Mr. Terry E. Goodwald, PADER, from Ms. Deborah Dewsbury, U.S. EPA, re: Work done and projects for the site, 11/1/90. P. 302512-302513.
147. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 11/7/90. P. 302514-302516. Effluent and backwash sample results are attached.
148. Progress Report No. 37, prepared by Atochem North America Inc., 11/12/90. P. 302517-302518.
149. Letter to Mr. Doug Loutzenhiser, Atochem North America, Inc., from Mr. Terry Goodwald, PADER, re: Ground water contamination, 12/3/90. P. 302519-302519.
150. Progress Report No. 38, prepared by Atochem North America, Inc., 12/14/90. P. 302520-302521.
151. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 12/14/90. P. 302522-302524. Effluent and backwash sample results are attached.

152. Letter to Mr. Samuel B. Balamoun, Atochem North America, Inc., from Mr. Terry E. Goodwald, PADER, re: Review of the Risk Assessment report, 12/21/90. P. 302525-302525.
153. Progress Report No. 39, prepared by Atochem North America, Inc., 1/15/91. P. 302526-302527.
154. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 1/15/91. P. 302528-302530. Effluent and backwash sample results are attached.
155. Progress Report No. 40, prepared by Atochem North America, Inc., 2/15/91. P. 302531-302532.
156. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 2/15/91. P. 302533-302535. Effluent and backwash sample results are attached.
157. Letter to Ms. Deborah McDonald, PADER, from Mr. Samuel B. Balamoun, Atochem North America, Inc., re: Effluent sample analytic results, 3/12/91. P. 302536-302538. Effluent and backwash sample results are attached.
158. Progress Report No. 41, prepared by Atochem North America Inc., 3/13/91. P. 302539-302540.
159. Lindane Dump Site Schedule, 5/20/91-2/18/92. P. 302541-302541.
160. Report: Draft Feasibility Study Report, prepared by Eckenfelder Incorporated, 8/91. P. 302542-302828.
161. Letter to Ms. Cindy Rice, U.S. Fish and Wildlife Service, from Mr. Dominic DiGiulio, U.S. EPA, re: Transmittal of a leachate treatability study, (undated). P. 302829-302829.
162. Information package, Tenax Trap Sampling Program, (undated). P. 302830-302835.
163. Scope of Work, Lindane Dump Site, (author not cited), (undated). P. 302836-302839.
164. Report: Work Plan for Lower Project Area Surficial Soil Sampling and Analysis Program, (author not cited), (undated). P. 302840-302844. A map is attached.

165. Report: Baseline Risk Assessment Report, Natrona Alsco Community Park, Harrison Township, Pennsylvania, Volume 1, prepared by Eckenfelder Incorporated, 10/90. P. 302845-303323.
166. Proposed Plan, Lindane Dump Site, 12/17/91. P. 303324-303355.
167. Letter to Mr. Martin Kotsch, U.S. EPA, from Mr. John W. Schombert, Allegheny County Health Department, re: Review of the Proposed Plan, 1/14/92. P. 303356-303356.
168. Report: Final Feasibility Study Report, Natrona Alsco Community Park, Harrison Township, Pennsylvania, prepared by Eckenfelder, Inc., 2/92. P. 303357-303673
168. Memorandum to Mr. Martin Kotsch, U.S. EPA, from Ms. Debra L. Forman, U.S. EPA, re: Request for rationale to support the Record of Decision (ROD) standard decision making, 3/27/92. P. 303674-303674.
169. Letter to Mr. Edwin B. Erickson, U.S. EPA, from Mr. Charles A. Duritsa, PADER, re: Concurrence by the state with the ROD, 3/31/92. P. 303675-303676.
170. Record of Decision, Lindane Dump Site, prepared by U.S. EPA, 3/31/92. P. 303677-303755.
171. Report: Atochem Comments on USEPA Proposed Remedial Action Plan and Issues Raised During the January 8, 1992 Public Meeting, (no author cited), (undated). P. 303756-303768.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. Handwritten notes, Lindane Public Meeting, 10/1/87.
P. 500001-500003. A site map and a fact sheet are attached.
2. Handwritten letter to Mr. Martin Kotsch, U.S. EPA, from Ms. Sharon Adams, re: Agreement with proposed alternative number 6, 1/9/92. P. 500004-500004.
3. Transcript of a public meeting, In the Matter of: Lindane Dump Site, prepared by Ms. Charlene Adamson, 1/21/92. P. 500005-500059.
4. Handwritten letter from Ms. Michelle Benevenute, re: Inquiry as to where soil at the McWilliams Drive area came from, (undated). P. 500060-500060.

BIBLIOGRAPHY OF SITE SPECIFIC GUIDANCE DOCUMENTS

1. Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA, prepared by OSWER/OERR, 10/1/88.
OSWER #9355.3-01
2. Policy on Flood Plains and Wetland Assessments for CERCLA Actions, prepared by W.N. Hedeman, Jr., G. Lucero, OERR, and OWPE, 8/1/85.
OSWER #9280.0-02
3. Superfund Federal-Lead Remedial Project Management Handbook (Draft), prepared by OERR, 12/1/86.
OSWER #9355.1-1
4. Superfund State-Lead Remedial Project Management Handbook, prepared by OERR, 12/1/86.
OSWER #9355.2-1
5. A Compendium of Superfund Field Operations Methods, prepared by OERR and OWPE, 12/1/87.
OSWER #9355.0-14
6. Data Quality Objectives for Remedial Response Activities: Example Scenario: RI/FS Activities at a Site w/ Contaminated Soils and Groundwater, prepared by CDM Federal Programs Corp., OERR, and OWPE, 3/1/87.
OSWER #9355.0-7B
7. Field Screening for Organic Contaminants in Samples from Hazardous Waste Sites, prepared by H.K. Roffman, et al, NUS Corp., A. Carter, Michigan Dept. of Natural Resources, T. Thomas and EPA, 4/2/86.
8. Field Screening Methods Catalog: User's Guide, prepared by OERR and HSED, 9/1/88.
EPA/540/2-88/005
9. Field Standard Operating Procedures Manual #4 - Site Entry, prepared by OERR and HRSD, 1/1/85.
OSWER #9285.2-01
10. Field Standard Operating Procedures Manual #6 - Work Zones, prepared by OERR and HRSD, 4/1/85.
OSWER #9285.2-04
11. Field Standard Operating Procedures Manual #8 - Air Surveillance, prepared by OERR and HRSD, 1/1/85.

OSWER #9285.2-03

12. Field Standard Operating Procedures Manual #9 - Site Safety Plan, prepared by OERR and HRSD, 4/1/85.
OSWER #9285.2-05
13. Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses (Draft), prepared by EPA Data Review Work Group, R. Bleyler, Viar and Co., Sample Mgmt. Office, and HSED, 7/1/88.
14. Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses (Draft), prepared by R. Bleyler, Viar and Co., Sample Mgmt., Office EPA Data Review Workgroup and HSED, 2/1/88.
15. Land Disposal Restrictions, prepared by H.L. Longest and Lucero, OERR, 8/11/87.
16. RCRA Guidance Document: Landfill Design Liner Systems and Final Cover (Draft), prepared by EPA, 7/1/82.
17. Superfund LDR Guide #1 Overview of RCRA Land Disposal Restrictions (LDRs), prepared by OERR, 7/1/89.
OSWER #9347.3-01FS
18. Superfund LDR Guide #2 Complying with the California List Restrictions Under Land Disposal Restrictions (LDRs), prepared by OERR, 7/1/89.
OSWER #9347.3-02FS
19. Superfund LDR Guide #3 Treatment Standards and Minimum Technology Requirements Under Land Disposal Restrictions (LDRs), prepared by OERR, 7/1/89.
OSWER #9347.3-03FS
20. Superfund LDR Guide #4 Complying with the Hammer Restrictions Under Land Disposal Restrictions (LDRs), prepared by OERR, 7/1/89.
OSWER #9347.3-04FS
21. Superfund LDR Guide #5 Determining When Land Disposal Restrictions (LDRs) are Applicable to CERCLA Response Actions, prepared by OERR, 7/1/89.
OSWER #9347.3-05FS
22. Superfund LDR Guide #7 Determining When Land Disposal Restrictions (LDRs) are Relevant and Appropriate to CERCLA Response Actions, prepared by OERR, 12/1/89.

OSWER #9347.3-08FS

23. CERCLA Compliance with Other Environmental Statutes, prepared by J.W. Porter and OSWER, 10/2/85.
OSWER #9234.0-2
24. CERCLA Compliance with Other Laws Manual (Draft), prepared by OERR, 8/8/88.
OSWER #9234.1-01
25. Guidelines for Carcinogen Risk Assessment (Federal Register, September 24, 1986, p. 33992), prepared by EPA, 9/24/86.
26. Guidelines for Exposure Assessment (Federal Register, September 24, 1986, p. 34042), prepared by EPA, 9/24/86.
27. Integrated Risk Information System (IRIS) [A Computer-Based Health Risk Information System Available Through E-Mail -- Brochure on Access is Included], prepared by OHEA, (undated).
28. Superfund Exposure Assessment Manual, prepared by OERR, 4/1/88.
OSWER #9285.5-1
29. Superfund Public Health Evaluation Manual, prepared by OERR and OSWER, 10/1/86.
OSWER #9285.4-1.
30. Toxicology Handbook, prepared by Life Systems, Inc., T.E. Tyburski and OWPE, 8/1/85.
OSWER #9850.2
31. Air/Superfund National Technical Guidance Study Series - Volume IV, Procedures for Dispersion Modeling and Air Monitoring for Air Pathway Analyses (Draft), prepared by EPA Region III and NUS Corporation, 12/1/88.
32. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual, prepared by OERR, 9/29/89.
OSWER #9285.7-01a
33. Risk Assessment Guidance for Superfund, Volume II, Environmental Evaluation Manual, prepared by OERR, 3/1/89.
EPA/540/1-89/001

34. Toxicological Profile for Benzene, prepared by ATSDR, 5/1/89.
35. Guide for Conducting Treatability Studies Under CERCLA; Interim Final, prepared by ORD and OERR, 12/1/89.
EPA/540/2-89/0582